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Atty. Docket No. 03495005907000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of  
HUGUES B. DE THE et al.

Serial No: 07/649,342

Group Art: 1812

Filed: February 1, 1991

Examiner: J. Ulm

For: NOVEL STEROID/THYROID HORMONE RECEPTOR-RELATED GENE  
WHICH IS INAPPROPRIATELY EXPRESSED IN HUMAN HEPATOCELLULAR  
CARCINOMA AND WHICH IS A RETINOIC ACID RECEPTOR

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

AMENDMENT COPYING CLAIMS FROM PATENT

Sir:

Please amend this application as follows:

IN THE CLAIMS:

Please add the following new claim.

--58. A method for identifying a ligand to a retinoic acid  
receptor, said method comprising:

- (A) isolating DNA sequences having a retinoic acid  
receptor ligand-binding domain and a DNA-binding domain;
- (B) constructing a chimeric gene by substituting  
operative portions of the DNA-binding domain region of the DNA  
sequence of step (A) with operative portions of a DNA-binding  
domain region from human oestrogen receptor;
- (C) introducing into a suitable receptor-deficient host  
cell: (1) the chimeric gene from step (B), and (2) the oestrogen-  
responsive reporter gene vit-tk-CAT functionally linked to an